CLAIMS

1. A package for preserving a medical device or the like comprising an external capsule (30; 50) and a cap (31; 51) sealingly engaging the external capsule (30; 50), wherein a means is provided for releasingly connecting the medical device with the cap (31; 51) upon removing the cap (31; 51) and the medical device from the external capsule (30; 50).

2. The package according to claim 1, further comprising an ampoule (33; 53) for holding the medical device, wherein the means is adapted for releasingly connecting the ampoule (33; 53) with the cap (31; 51) upon removing the cap (31; 51) and the ampoule (33; 53) from the external capsule (30; 50).

3. The package according to claim 2, wherein the means for releasingly connecting the ampoule (33; 53) with the cap (31; 51) comprises a snap coupling between the ampoule (33; 53) and the cap (31; 51), the snap coupling being releasable in an axial direction of the external capsule (30; 50).

4. The package according to claims 2 or 3, wherein the means for releasingly connecting the ampoule (33; 53) with the cap (31; 51) comprises an actuation knob (36; 56).

5. The package according to any claims 2-4, wherein the cap (31) is threadingly engaged with the external capsule (30) and includes a downward extension (31F) which, in an assembled state of the package, protrudes between the external capsule (30) and the ampoule (33) to snap engage into a groove (33B) of the ampoule (33).

6. The package according to claim 5, wherein the cap (31) comprises a top portion (31G) made of a resilient or elastic material which is in contact with the ampoule (33), such that upon axially depressing a knob (36) operatively connected to the top portion (31G) of the cap (31) the downward extension (31F) of the cap (31) becomes disengaged from a circular groove (33B) of the ampoule (33), thereby separating the ampoule (33) from the cap (31).

7. The package according to any claims 2-4, wherein the cap (51) comprises a first engagement means (51C) for engaging a knob (56), which is accommodated within the cap (51), and for selectively engaging the ampoule (53) upon a downward movement of the cap (51) in respect to the axis of the external capsule (50), such that the knob (56) and the ampoule (53) are

both engaged, and wherein preferably upon the downward movement of the cap (51) the knob (56) protrudes from the cap (51), such that upon depressing a knob (56) the first engagement means (51C) separates from the ampoule (53).

8. The package according to any of claims 2-4 or 7, further comprising a membrane (59) provided in respect to the top opening the external capsule (50).

9. The package according to claim 8, when dependent on claim 6, wherein the membrane (59) is perforated and cut by a snap mechanism (51E) provided on the first engagement means (51C), the snap mechanism (51) perforating and cutting the membrane (59) upon the downward movement of the cap (51), the snap mechanism (51E) further providing for coupling with the ampoule (53) upon the downward movement of the cap (51).

10. A package for preserving a medical device or the like comprising an external capsule (40), a cap (41) sealingly engaging the external capsule (40), and a transport means surrounded by the cap (41) and extending therein, wherein the transport means is adapted for releasingly connecting to the medical device.

11. The package according to claim 10, further comprising an ampoule (43) for holding the medical device, wherein the transport means is adapted for releasingly connecting to the ampoule (43).

12. The package according to claim 11, wherein the transport means comprises a press-fit mechanism (47B) which releasably engages both the ampoule (43) and the external capsule (40).

13. The package according to claims 11 or 12, wherein the transport means slidingly accommodates a knob (46) which, in the closed state of the package, contacts the ampoule (43).

14. The package according to claim 13, when dependent on claim 12, wherein the press-fit mechanism (47B) becomes separated from the ampoule (43) when the knob (46) is actuated in a downward axial direction of the external capsule (40).

15. The device according to any of claims 11 to 14, wherein the transport means defines a seal between the opening of the external capsule (40) and the cap (41) in the assembled state of

the device.

16. A package for preserving a medical device or the like comprising an external capsule (60), a cap (61) engaging the external capsule (60) and a sealing means (69) closing an open end of the capsule (60), wherein a means is provided for releasingly connecting the medical device with the cap (61) upon removing the cap (61) and the medical device from the external capsule (60).

17. The package according to claim 16, further comprising an ampoule (63) for holding the medical device, wherein the means is adapted for releasingly connecting the ampoule (63) with the cap (61) upon removing the cap (61) and the ampoule (63) from the external capsule (60).

18. The package according to claim 17, wherein the means for releasingly connecting the ampoule (63) with the cap (61) comprises a snap coupling between the ampoule (63) and the cap (61), the snap coupling being releasable in an axial direction of the external capsule (60).

19. The package according to claims 17 or 18, wherein the means for releasingly connecting the ampoule (63) with the cap (61) comprises an actuation knob (66).

20. The package according to any claims 17-19, wherein the cap (61) engages the external capsule (60) by means of a bayonet lock (60A), and wherein the sealing means (69) comprises a membrane.

21. The package according to claims 19 or 20, wherein the knob (66) is slidingly received in an opening (61H) of the cap (61) and is held in place by a lock mechanism formed of a groove (66A) on the knob (66) with a flange (61I) on the cap (61), when the package is in the closed state.

22. The package according to any claims 19-21, wherein the cap (61) comprises a first means (61E) for engaging the ampoule (63) upon a downward movement of the cap (61) in respect to the axis of the external capsule (60), such that the knob (66), which is snappingly held in place in the cap (61), and the ampoule (63) are mutually engaged, and wherein the knob (66) protrudes from the cap (61), such that upon depressing a knob (66) the first means (61E) separates from the ampoule (63).

23. The package according to claim 22, wherein the ampoule (60) has a tip end portion (63A) which engages the first means (61E) upon the completion of the downward movement of the cap (61), such that the tip end portion (63A) contacts the lower surface knob (66).

24. The package according to claims 22 or 23, wherein the cap (61) further comprises a perforating and cutting means (61G) for perforating and cutting the sealing means (69) upon the downward movement of the cap (61) in respect to the axis of the external capsule (60), and wherein preferably the perforating and cutting means (61G) is slightly longer than the first means (61E), such that during the downward movement the perforating and cutting action thereof occurs prior to the engagement of the first means (61E).

25. The device according to any of claims 2-9, 11-15 or 17-24, wherein the medical device is a dental implant (34; 44; 54; 64) which is held within the ampoule (33; 43; 53; 63).

26. The device according to any of the preceding claims, further comprising a fluid (32; 42; 52; 62), such as an electrolyte or an aqueous solution, within the external capsule (30; 40; 50; 60).

27. The device according to any of the preceding claims, wherein the external capsule (30; 40; 50; 60) is made of cyclo-olefin copolymer, and/or wherein the ampoule (33; 43; 53; 63) is made of cyclo-olefin copolymer, and/or wherein the cap (31; 41; 51; 61) is made of high density polyethylene or low density polyethylene.